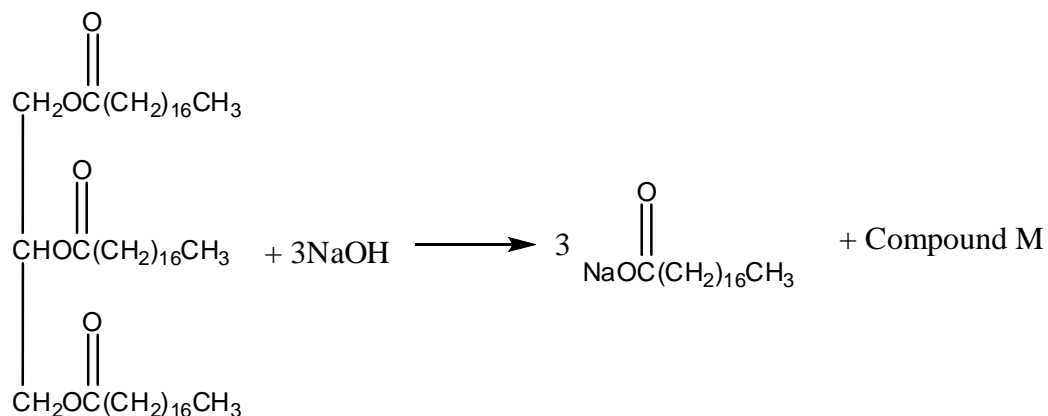


Question One- Fats and oils are trimeric molecules. Hydrolysis of a fat can be represented by the equation below.



- circle ONE of the ester groups in the fat
- Identify and label the soap molecule
- Draw and name compound M

Unsaturated fats are usually considered to be healthier than saturated fats

- What is meant by the term unsaturated, and determine if the fat above is a saturated fat or an unsaturated fat.
- Describe a chemical test to determine if the fat is saturated or unsaturated. Provide the reagent(s) needed and the expected outcome of the test.